

# Converting Colors

Hex(00282C)

Have a look what the booklet for  
Hex(00282C) contains.

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# Color

Hex(00282C)

# Conversions

## Conversions Part 1

Format	Color
Hex	00282C
RGB	0, 40, 44
RGB Percent	0%, 16%, 17%
CMY	1.0000, 0.8431, 0.8275
CMYK	1.00, 0.09, 0.00, 0.83
HSL	185°, 100%, 9%
HSV	185°, 100%, 17%
XYZ	1.2134, 1.6994, 2.6469
YIQ	28.4960, -25.1240, -7.2360

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 21, 44
Decimal	10284
CIELab	13.82, -11.69, -6.52
CIELCh	14, 13.385, 209.138
Yxy	1.6994, 0.2182, 0.3057
Android (android.graphics.Color)	4278200364 (0xFF00282C)
YUV	28.4960, 7.6435, -24.9910
Hunter-Lab	13.0362, -6.1986, -2.9132

# Details

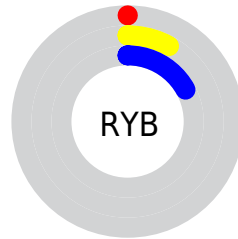
The Hex color **00282C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C0400**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **315559**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00282C**, and if you desaturate by 10%, it is **04282C**.

# Distribution



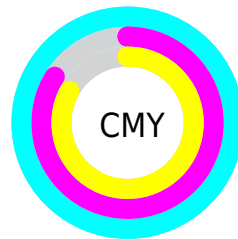
- Red (0%)
- Green (16%)
- Blue (17%)



- Red (0%)
- Yellow (8%)
- Blue (17%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (84%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00282C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00282C by changing the saturation by 10% instead.



00282C

00282C

E9FFFF

001418

315559

000000

496E72

62878B

7CA1A6

96BCC1

B1D8DD

CDF5F9

00282C

■ 04282C

■ 09292C

■ 0D292C

■ 122A2C

■ 162A2C

■ 1A2A2C

■ 1F2B2C

■ 232B2C

■ 282C2C

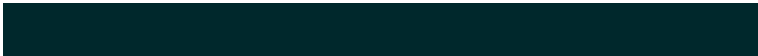
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



082823



00282C



052733

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00282C



2F1E2D



2A2310

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00282C



2C0400

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



311F13



00282C



351C24

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



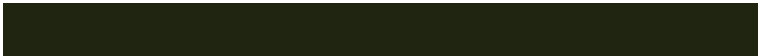
00282C



242134



351D1B



202512

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00282C



0F2535



351D1B



2C2110



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00282C



273738



002C04



121B1C



9C9C9C



1C1C1C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00282C



003338



00122C



151717



004F57



00C3D6



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2C0028



380033



2C1A00



171517



57004F



D600C3



# Previews

## White Background



This preview shows how the Hex color 00282C looks on a white background.

## Color Contrast Check

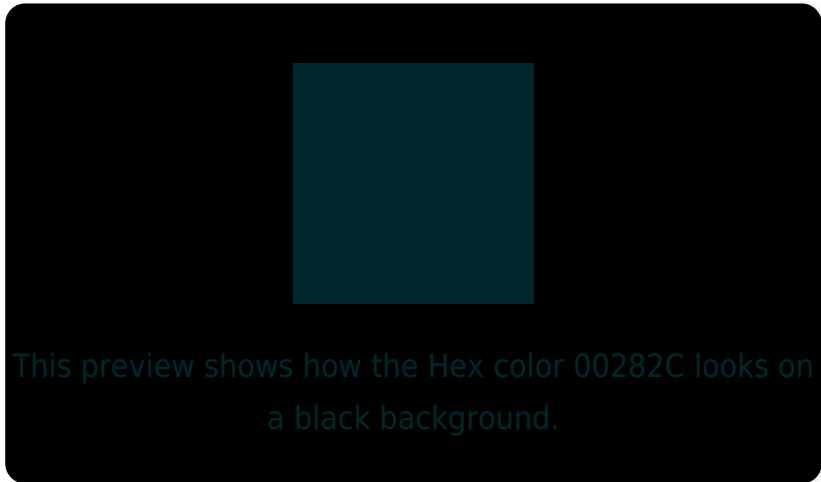
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

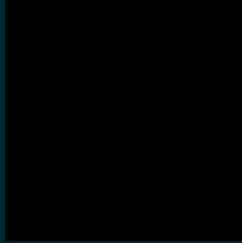
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

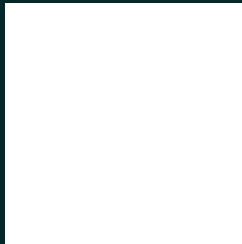
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00282C Background



This preview shows how black text looks on a background with the Hex color 00282C.

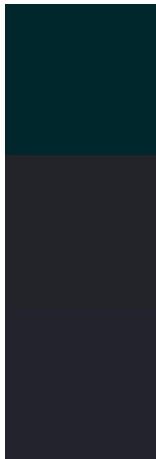


This preview shows how white text looks on a background with the Hex color 00282C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
00282C

**Protanopia**  
232429

**Deuteranopia**  
23232D



**Tritanopia**  
00282B

# Trichromacy



**Original Color**  
00282C

**Protanomaly**  
16252A

**Deuteranomaly**  
16252D

**Tritanomaly**  
00282B

# Monochromacy



**Original Color**  
00282C

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
122022

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00282C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00282C looks like.

```
.text, #text, p{  
    color:#00282C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00282C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00282C
}
```

## Border

The CSS property to change the border of an element to Hex 00282C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00282C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00282C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00282C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00282C; -webkit-box-shadow:4px 4px  
4px 4px #00282C; box-shadow:4px 4px 4px  
4px #00282C }
```

# Background

The CSS property to change the background color of an element to Hex 00282C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00282C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00282C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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